



Mega-Fos Carrot

BIO-LOGICAL BOOSTER FEED YOUR SOIL FOR IMPROVED PLANT HEALTH

Soil Fertility Services have been promoting **Bio-Logical Farming Solutions** for many years making them the market leader in this field. They have also been involved for over 20 years in Research and Development of a range of biological products.

Mega-Fos Carrot is a biological foliar plant and soil feed that is not only biologically active it is biologically regenerative. As your soils start to warm up, your crops begin to wake-up. Using an application of **Mega-Fos Carrot** ensures your soil biology is functioning and your crop has it's first **REAL** kick start.

Mega-Fos Carrot contains humic and fulvic acids, with seaweed for optimal plant growth along with biological stimulants, trace elements and a consortium of beneficial micro-organisms dubbed 'Megabacters' alongside nitrogen fixers for the ultimate biological stimulant.

INDEPENDENT TRIAL RESULTS INDICATE:-

- Direct yield increase of 8.8%
- Cavity spot reduction of 73.9%
- Increased marketable yield of 17.7%
- Reduce disease pressure
- Boost soil nutrient cycling
- Create a biological barrier



SOIL FERTILITY SERVICES

FEED YOUR SOIL STIMULATE SOIL BIOLOGY

What makes *Mega-Fos Carrot* so effective?

It's all in the Megabacters and Nitrogen Fixers.

What are Megabacters?

A consortium of beneficial soil-borne bacillus bacteria cultured from strains native to the UK.

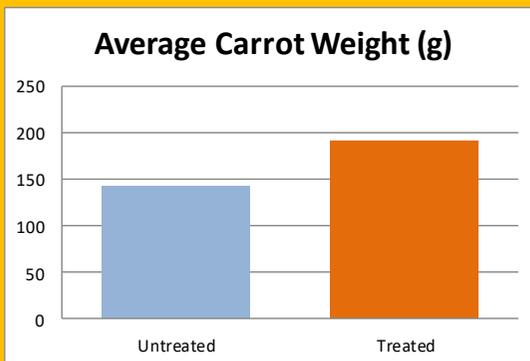
How do they work?

By forming a symbiotic relationship with plant roots feeding on plant exudates and in return cycle nutrition back to the plant, unlocking 'tied' up nutrients especially phosphate, calcium and nitrogen. They form the bridge between roots and the soil. Using *Mega-Fos Carrot* tips the soil biology back in your favour creating added competition to fight off pathogenic disease organisms and in turn promote plant health and nutrition.

Where do they work?

In your soil and on your plant. *Mega-Fos Carrot* re-establishes and feeds the soil biological population. It also coats the green leaf area of the plant. Harmful disease pathogens can diminish yield, but *Mega-Fos Carrot* populates the plant's surface and soil with beneficial Megabacters, providing competition that may prevent disease organisms from gaining a foothold.

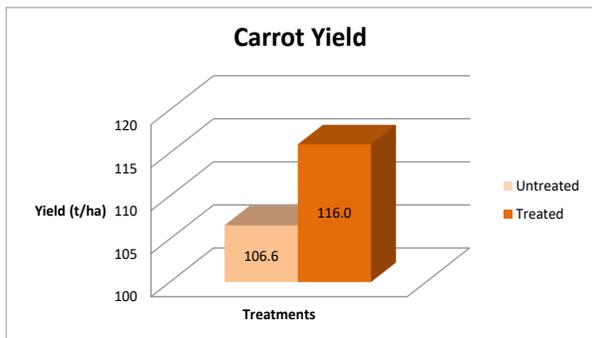
Lincolnshire Trial Results



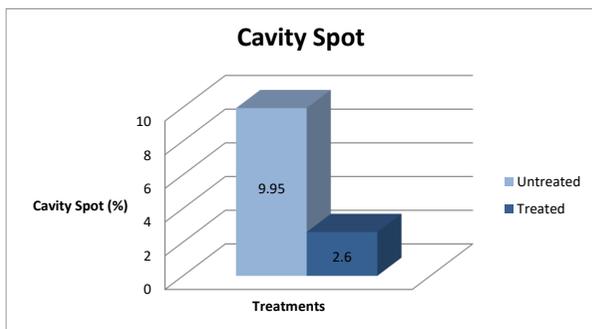
Results showed: An increase in crop weight of 34%

Feed the soil and the soil will feed the plant /

Independent Trial Results from Root Crop Consultancy



Cavity Spot is a tremendous problem for the carrot and parsnip growers with chemistry becoming less effective and a narrowing choice of fungicides available. Biologicals are making extensive progress and has to be the way forward for the industry. SFS trial results show the enormous difference that biologicals can make.



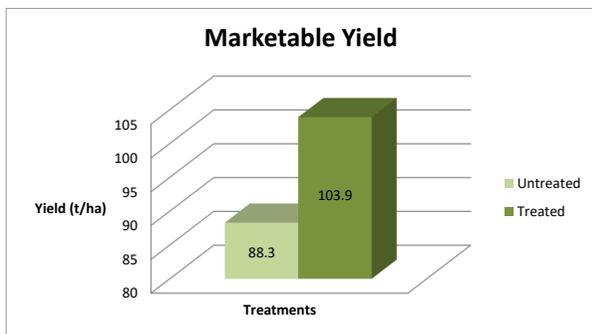
Mega-Fos Carrot was foliar applied with fungicides at 5 litres per hectare per application.

Mega-Fos Carrot improves phosphate availability and supplies trace elements for nutrition along with Megabacters to reduce disease.

The *Mega-Fos Carrot* treated plots have **increased total yield by 9%** and **reduced cavity spot by 74%** compared to the conventional plots.

By feeding the soil and reducing the under sized carrots, the trials show **42% reduction in carrot rejects.**

This equates to -
18% increase in marketable yield,
therefore providing an extra
£1500/ha at £100/t.



Howard Hinds (Root Crop Consultant) says:-

“Our current armoury of conventional crop protection chemistry for controlling weeds, pests and diseases is being depleted at an alarming rate. Biologicals provide alternatives to some of the problems we face, however we need to learn how to use them. The challenge we face, is to work out which ones we can rely on in a short space of time! We cannot expect that they will perform the same as the agrochemicals we are used to, and we may even need to integrate them into conventional programmes.”

Feed the plant and the plant will feed the soil

Mega-Fos Carrot contains:

- ◆ **Megabacters:**
6 strains of Bacillus
4 strains of Nitrogen Fixers
TPA (to complex & stabilise phosphate)
- ◆ **Humic acids**
- ◆ **Fulvic acids**
- ◆ **Seaweed extract**
- ◆ **Boron**
- ◆ **Zinc**
- ◆ **Manganese**
- ◆ **Potassium**
- ◆ **Cobalt**

PLUS Bio-stimulants

How do I apply it?

1 x soil application pre-planting.
2 or 3 foliar applications, timings vary depending on season.

Ask your Soil Fertility Services advisor for a tailored programme.

The most beneficial time to foliar feed is when the plant stomata are open. Therefore in early morning or evening when they are responding to changes in daylight and temperature.

Apply at 5 litres/ha per application in a minimum of 150 litres of water.

Available in 20 litre drums or 1000 litre IBC's.

Mega-Fos Carrot

Gives growers a new tool for crop protection. It makes plants more robust, promoting healthy growth with yield increases, providing a biological barrier as it colonises root and leaves, thus allowing the plant to thrive.

SUMMARY:- *Mega-Fos Carrot* is a part of Soil Fertility Services Limited's Bio-Logical Farming Solutions Programme and will improve your soils true fertility.

To find out more or to place an order:-

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UK CENTRE FOR BIOLOGICAL AGRICULTURE
Promoting Bio-**LOGICAL FARMING** Solutions

